



ATTORNEY DOCKET NO.: BLS-007

APPLICANT(S): Christoffel et al.

SERIAL NO.: 10/055,028

FILING DATE: 1/23/02

GROUP: 2681

SHEET 1 OF 1

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAM.
INIT.

OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)

C30

International Search Report for International Application No: PCT/US02/30558, dated 28 March, 2003.

EXAMINER

DATE CONSIDERED

1/12/00



SHEET 1 OF 1

FORM PTO - 1449				ATTORNEY DOCKET NO.: BLS-007					
FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Christoffel et al.					
				SERIAL NO.: 10/055,028					
				FILING DATE: January 23, 2002					
				GROUP: 2681					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
CRG	A51	6,633,761 B1	10/14/03	Singhal et al.	455	436	8/11/00		
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							MAY 06 2004		
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FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
EXAMINER					DATE CONSIDERED				
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FOREIGN PATENT DOCUMENTS

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OTHER ART, JOURNAL ARTICLES, ETC.

EXAM.
INIT.

OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)

C28	Bluetooth Specification Version 1.0 B, <i>10 Channel Control</i> (11/29/99), pp. 95-126.
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C29 International Search Report for International Application No: PCT/US01/49547, dated 28 February, 2003.

EXAMINER

DATE CONSIDERED

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SHEET 1 OF 1

FORM PTO - 1449

ATTORNEY DOCKET NO.: BLS-007

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A40	5,423,065	06/06/95	Pinard	455/33.2	455/56.1	
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	A42	6,026,297	02/15/00	Haartsen	455/426	455/414	
	A43	6,038,458	03/14/00	Siira	455/560	455/422	

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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B6	EP 0 964 599 A	15.12.99	EP	H04Q	7/38			Y
	B7	EP 0 982 662 A	01.03.00	EP	G06F	13/38			Y
	B8	EP 0 984 639 A	08.03.00	EP	H04Q	7/00			Y

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C23	Bluesocket Press Release "Bluesocket Secures 5M in First-Round Funding from St. Paul Venture Capital and Osborn Capital LLC", (2 pages) [online], [Retrieved on 11/19/02]. Retrieved from the Internet: <URL: http://www.bluesocket.com/news/funding.html >.
	C24	Bray et al., "Bluetooth - Connect Without Cables", (New Jersey, Prentice Hall, 3/20/01), XP002221666, page 84, ¶5.7 - page 86, ¶5.8.
	C25	Bray et al., "Bluetooth - Connect Without Cables", (New Jersey, Prentice Hall, 3/20/01), XP002221667, page 115-118.
	C26	Mouly et al., "GSM - The System for Mobile Communications" (Palaiseau, France, 9/2/93), XP002221665, page 327 - 330.
	C27	International Search Report for International Application No: PCT/US01/51306, dated 03 December, 2002.

EXAMINER

DATE CONSIDERED 1/18/06



FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT					ATTORNEY DOCKET NO.: BLS-007 APPLICANT(S): Christoffel et al. SERIAL NO.: 10/055,028 FILING DATE: 1/23/02 GROUP: 2681		
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	5,987,062	11/16/99	Engwer et al.	375/225	375/227	
	A2	6,115,615	09/05/00	Ota et al.	455/553	455/552	
	A3	6,172,986 B1	01/09/01	Watanuki et al.	370/466	370/401	
	A4	6,195,705 B1	02/27/01	Leung	709/245	709/202	
	A5	6,243,581 B1	06/05/01	Jawanda	455/432	455/437	
	A6	2001/0012777 A1	08/09/001	Igarashi et al.	455/435	455/411	
	A7	2001/0014917 A1	08/16/01	Ishiyama et al.	709/227	709/220	
	A8	2001/0016492 A1	08/23/01	Igarashi et al.	455/433	709/217	
	A9	2001/0017856 A1	08/30/01	Asokan et al.	370/389	370/329	
	A10	2001/0020241 A1	09/06/01	Kawamoto et al.	707/202	709/229	
	A11	2001/0023446 A1	09/20/01	Balogh	709/229	709/227	
	A12	2001/0024443 A1	09/24/01	Alriksson et al.	370/401	370/329	
	A13	2001/0031634 A1	10/18/01	Mizutani et al.	455/425	455/550	
	A14	2001/0036224 A1	11/01/01	Demello et al.	375/220		
	A15	2001/0044305 A1	11/22/01	Reddy et al.	455/436	455/437	
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	A17	2002/0010758 A1	01/24/02	Chan	709/218	705/14	
	A18	2002/0013831 A1	01/31/02	Astala et al.	709/220	709/203	
	A19	2002/0032855 A1	03/14/02	Neves et al.	713/154	380/258	
	A20	2002/0032858 A1	03/14/02	Nakano et al.	713/159	713/200	
	A21	2002/0034298 A1	03/21/02	Gallagher et al.	380/247	713/155	
	A22	2002/0034301 A1	03/21/02	Andersson	380/270		
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EXAMINER <i>C. L.</i>				DATE CONSIDERED <i>1/18/06</i>			

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SHEET 2 OF 5

FORM PTO - 1449	ATTORNEY DOCKET NO.: BLS-007
INFORMATION DISCLOSURE STATEMENT	APPLICANT(S): Christoffel et al.
	SERIAL NO.: 10/055,028
	FILING DATE: 1/23/02 GROUP: 2681

U.S. PATENT DOCUMENTS

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	A24	2002/0037708 A1	03/28/02	McCann et al.	455/411	455/408	
	A25	2002/0046179 A1	04/18/02	Kokudo	705/51		
	A26	2002/0046285 A1	04/18/02	Yasushi et al.	709/228	709/218	
	A27	6,377,548 B1	04/23/02	Chuah	370/233	370/234	
	A28	2002/0052965 A1	05/02/02	Dowling	709/230	709/203	
	A29	2002/0066029 A1	05/30/02	Yi	713/201		
	A30	2002/0066032 A1	05/30/02	Kurumida	713/201	713/202	
	A31	2002/0066036 A1	05/30/02	Makineni et al.	713/201		
	A32	2002/0069278 A1	06/06/02	Forslow	709/225	709/229	
	A33	2002/0073240 A1	06/13/02	Kokkinen et al.	709/249	709/250	
	A34	2002/0075844 A1	06/20/02	Hagen	370/351	370/328	
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	A37	2002/0098840 A1	07/25/02	Hanson et al.	455/435	455/432	
	A38	2002/0101848 A1	08/01/02	Lee et al.	370/349	370/352	
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	B1	EP 1 011 243 A1	21/06/00	EP	29/06	12/56			
	B2	WO 00/36522	22/06/00	PCT	15/16	15/173			

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
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EXAMINER	C. J.	DATE CONSIDERED 1/18/06

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FORM PTO - 1449				ATTORNEY DOCKET NO.: BLS-007					
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Christoffel et al.					
				SERIAL NO.: 10/055,028					
				FILING DATE: 1/23/02		GROUP: 2681			
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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B3	WO 02/09458 A2	31/01/02	PCT	7/00		23/07/01		
	B4	WO 02/41587 A2	23/05/02	PCT	12/28	12/56			Y
	B5	WO 02/065707 A2	22/08/02	PCT	12/28				Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C1	Bluetooth Specification Version 1.1, Part H:1: Host Controller Interface Functional Specification: 536-780 (2001).							
	C2	Bluetooth Specification Version 1.1, Part H:2: HCI USB Transport Layer: 782-796 (2001).							
	C3	Bluetooth Specification Version 1.1, Part H:3: HCI RS232 Transport Layer: 798-818 (2001).							
	C4	Bluetooth Specification Version 1.1, Part H:4: HCI UART Transport Layer: 820-826 (2001).							
	C5	"PSDN Solution for CDMA2000 Networks," (2 pgs.) [online], [Retrieved on 1/25/02]. Retrieved from the Internet: <URL: http://www.cisco.com/warp/public/779/servpro/solutions/wireless_mobile/pdsn.html >.							
	C6	Cisco White Paper, "Cisco Code-Division Multiple Access Performance Management", (15 pgs.) [online], [Retrieved on 1/25/02]. Retrieved from the Internet: <URL: http://www.cisco.com/warp/public/779/servpro/solutions/wireless_mobile/pdsn.html >.							
	C7	Haartsen, J., "Bluetooth-The universal radio interface for ad hoc, wireless connectivity", Ericsson Review No. 3, pgs. 110-117, 1998, XP000783249 ISSN: 0014-0171							
	C8	Lough et al., "A Short Tutorial on Wireless LANs and IEEE 802.11", (5 pgs.) [online], [Retrieved on 10/16/01]. Retrieved from the Internet: <URL: http://www.computer.org/students/looking/summer97/ieee802.htm >.							
	C9	"Medium Access Control (MAC) and Physical (PHY) Specifications," MAC Sublayer Management Entity. 123-128, ANSI/IEEE Std 802.11 (1999)							
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SHEET 4 OF 5

FORM PTO - 1449				ATTORNEY DOCKET NO.: BLS-007					
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				SERIAL NO.: 10/055,028					
				FILING DATE: 1/23/02		GROUP: 2681			
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C10	Mitzel, D., "Overview of 2000 IAB Wireless Internetworking Workshop", (40 pgs.) [online], December, 2000 [Retrieved on 01/25/02]. Retrieved from the Internet: <URL: http://www.ietf.org/rfc/rfc3002.txt?number=3002 >.							
	C11	Perkins, C., "IP Mobility Support", (67 pgs.) [online], October, 1996 [Retrieved on 09/16/02]. Retrieved from the Internet: <URL: http://www.ietf.org/rfc/rfc2002.txt?number=2002 >.							
	C12	"A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points", (26 pgs.) [online], [Retrieved on 09/10/01]. Retrieved from the Internet: <URL: http://www.interlinknetworks.com/graphics/news/wireless_detection_and_tracking.pdf >.							
	C13	"RoamAD" (6 pgs.) [online], [Retrieved on 9/16/02]. Retrieved from the Internet: <URL: http://www.roamad.com/roam >.							
	C14	Solomon, J., "Applicability Statement for IP Mobility Support", (5 pgs.) [online], October, 1996 [Retrieved on 01/25/02]. Retrieved from the Internet: <URL: http://www.ietf.org/rfc/rfc2005.txt?number=2005 >.							
	C15	Vernier Networks Whitepaper, "Controlling the Network Edge: Vernier Networks and the Enterprise", (7 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL: www.verniernetworks.com >.							
	C16	Vernier Networks Whitepaper, "High Availability for Wireless Edge Connectivity", (6 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL: www.verniernetworks.com >.							
	C17	Vernier Networks Whitepaper, "The Vernier Networks System", (7 pgs.) [online], [Retrieve on 9/10/02]. Retrieved from the Internet: <URL: www.verniernetworks.com >.							
EXAMINER				DATE CONSIDERED					



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SHEET 5 OF 5

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

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EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
	C18	Vernier Networks Whitepaper, "The Three Phases of WLAN Deployments", (2 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.						
	C19	Vernier Networks Whitepaper, "Vernier Networks: Ensuring the Promise of 802.11b Networks", (5 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.						
	C20	Vernier Networks Whitepaper, "Wireless Security: Protecting Your 802.11 Network", (3 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.						
	C21	International Search Report for International Application No: PCT/US01/23145, dated 16 August, 2002						
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EXAMINER

DATE CONSIDERED

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PTG-1449 REPRODUCED		ATTORNEY DOCKET NO. 3180.1001-004		APPLICATION NO. 10/055,028		
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> ORIGINAL JUL 0 2 2002 PATENT & TRADEMARK OFFICE </div> <p>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p>June 28, 2002</p> <p>(Use several sheets if necessary)</p>		APPLICANT Thomas W. Christoffel, et al.				
		FILING DATE January 23, 2002		GROUP 2681		
U.S. PATENT DOCUMENTS						
EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIAT E
AA	5,809,415	09/15/1998	Rossmann	455	422	
AB	6,018,657	01/25/2000	Kennedy, III, et al.	455	426	
AC	6,137,791	10/24/2000	Frid, et al.	370	352	03/25/97
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATIO N YES NO
AL	WO 01/50781 A2	12 Jul 2001	PCT			
AM						
AN						
AO						
AP						
AQ						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
AR	Menon, et al., U.S. Patent Application Publication, US 2001/0001268 A1, May 17, 2001, U.S. Cl. 370/329.					
AS	Townesley, W., et al., Network Working Group, RFC 2661, "Layer Two Tunneling Protocol 'L2TP'," 1999 [Retrieved from the Internet on 08/29/01] 75 pp. http://www.ietf.org/rfc/rfc2661.txt?number=2661 , (2001).					
AT	"Section 10.9 Scatternet," Bluetooth Specification Version 1.1:120-123 (February 22, 2001).					
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11/16/01

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 3180.1001-004		APPLICATION NO. 10/055,028			
<div>OTPA INFORMATION DISCLOSURE CITATION IN AN APPLICATION JUL 0 2 2002 June 28, 2002 (Use several sheets if necessary)</div>		APPLICANT Thomas W. Christoffel, et al.					
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EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AU	"Part C: Link Manager Protocol," Bluetooth Specification Version 1.1:184-252 (February 22, 2001).					
	AV	"Part K:9: LAN Access Profile," Bluetooth Specification Version 1.1,:275-308 (February 22, 2001).					
	AW	T. Muller, Bluetooth White Paper, Bluetooth Security Architecture Version 1.0:1-33 (1999).					
	AX	ETSI HIPERLAN/2 standard [online], September 2000 [Retrieved from the Internet on 07-16-2001]. (3 pp.) http://www.etsi.org/technicalactive/hiperlan2.htm .					
	AY	Schneiderman, R., "Bluetooth's slow dawn: Hype gives way to hard work as expectations for the mini radio network encounter nettlesome interoperability issues," IEEE Spectrum: 61-65 (November 2000).					
	AZ	Berger, S., et al., "Pervasive Networking Using Bluetooth: A Status Report and Future Plans," Presentation Slides and Paper (21 pgs.) IBM Watson Research Center: (1999).					
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